Glamor Moving Spot 180

USER MANUAL

Thanks for choosing our goods please read this manual carefully before

your operating and keep this manual for future needs

CE

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STATEMENT

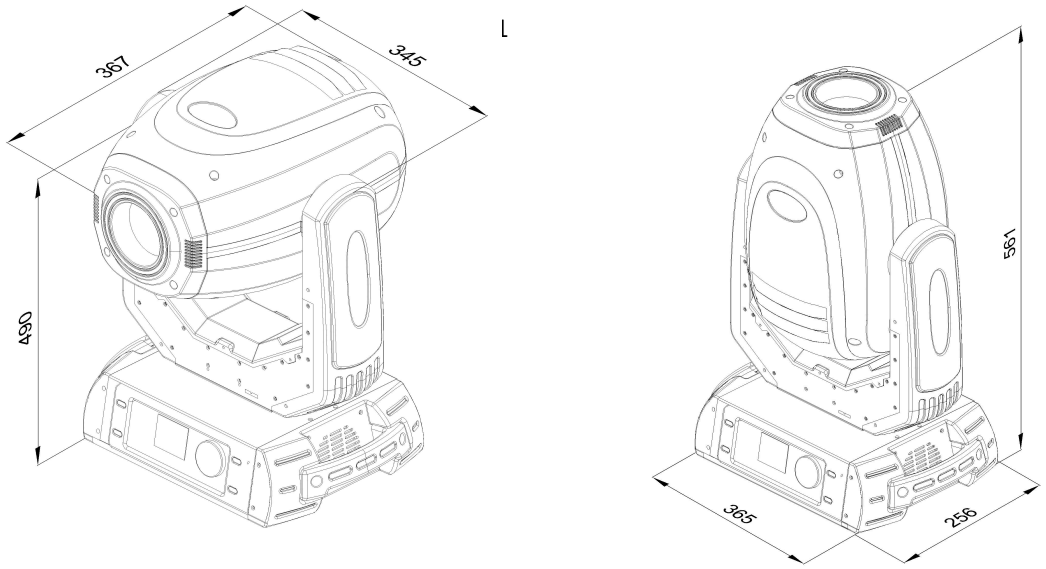
The product is good packing when ship out the factory. All users should strictly abide by the warnings and instructions stated in this manual, any damage and results due to misuse and the neglect of this operating manual will be excluded from the deal responsibility this manual will not

informed in additionally if have technical changes.

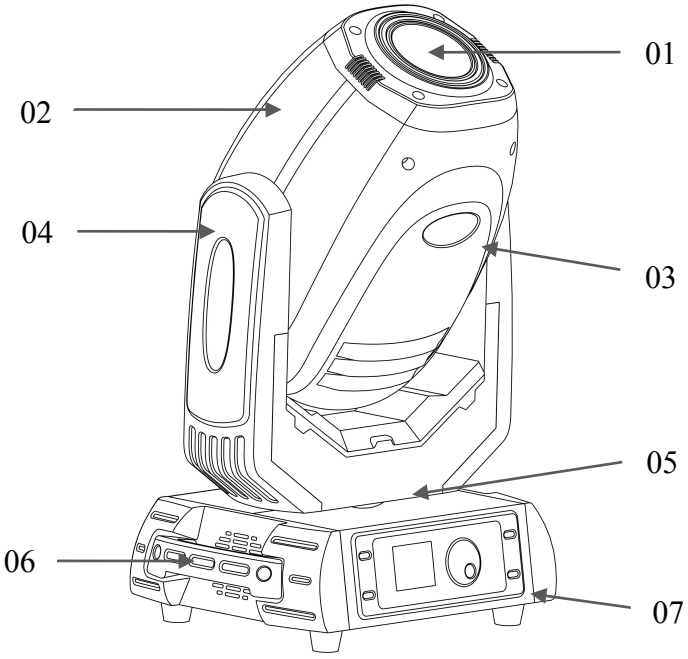
1. Production Introduce

Thank you for choose this GLS180 products, this model is the moving head light which is the latest development of the smart, efficient products, beautiful shape, smooth R & D, combined with the advanced technology of today's stage lighting products with international advanced electronic control technology and excellent user-friendly industrial design , fully comply with CE standard, accepted international standard DMX512 signal mode. This moving head lights, use appotronics' 180w White LED source, coupled with the high-quality optical lens components, broadband voltage, a clear pattern, sharp and uniform output light efficiency. Intelligent LCD display module, the English language selection mode, intuitive operating menu, shortcut. The fixture have 16/24 international standard DMX512 channels optional Horizontal scan: 540 ° vertical scanning 270 ° (16bit precision scanning) electronic correction, the display can inverted 180 degree. 8 color and one white as color wheel; two gobo wheels: 9 static gobos and open plus 7 rotating gobos and open; 3-facet prism wheel, gobo shading and overheat protection.

2

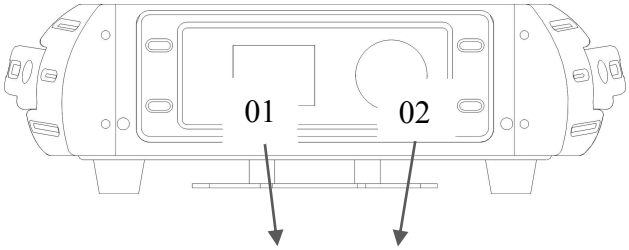


3. Parts Introduce

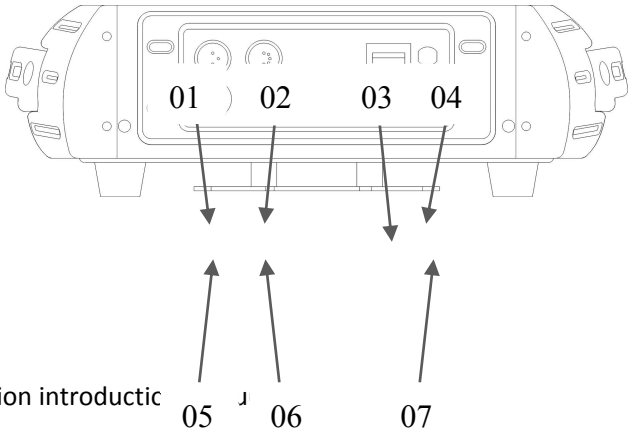


01 — Lens
02 — Body
03 — Tilt Lock
04 — Arm
05 — Pan Lock
06 — Handle
07 — Light Base

GLS180 product part of the structure and main composition name



01 — LCD Display
02 — Control wheel



01 — 3-pin DMX Input
02 — 5-pin DMX Input
03 — Power Input
04 — Power Output
05 — 3-pin DMX Output
06 — 5-pin DMX Output
07 — Fuse

GLS180's Main function introductic

4.SAFETY INFORMATION

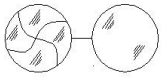
Safety Warning: This product is only suitable for professional use, and does not apply to security for other purposes. When you got the lights, please check the package whether have any damage caused by transportation. If there is any damage, do not use this fixture, and please contact the dealer or manufacturer as soon as possible. This product is only suitable for indoor, IP20 protection class. Lamps should be kept dry to avoid Moisture, overheating or dusty environment. Prevent lamps come into contact with water or any other liquid. The use of this product should pay attention to: fire, heat, electric shock, ultraviolet radiation, the lamp to explode or Shedding caused serious or fatal injury. Please read the instructions before use energized or installing. Follow through the operation of security methods and pay attention to the warning signs on the specification and equipment.

4.1 ANTI-HIGH TEMPERATURE

ta =40°C

Please don't use the equipment if the temperature above 40℃

4.2 BURST PREVENTION



The lens should be changed if had damaged or any problems. Don't change the non-original manufacturer lens.

Len size：Φ76×10 mm

4.3 TO PREVENT FALLING WOUNDING

When Hang the fixture, please must verify that the facilities to be able to withstand at least 10 times or more weight of fixtures.

Please make sure the Mounting hardware is strong enough no any damage, and insurance for the safety rope as auxiliary security fixed in other facilities will need to verify before installation. Installing or removing the equipment, to make the pulley below the work location

4.4 UA PROTECTION

Forbid straight viewpoint with exposed bulbs to avoid UV damage to the eyes;

Do not use the equipment without the lens screen and the lid;

The lens and the light head covers should be timely replaced if any damage to rupture.

4.5 PREVENTION OF ELECTIC SHOCK

The electrical connection must only be carried out with corresponding qualifications;

Before installing, make sure you use the power voltage lamps must comply with the identified power, voltage and have an overload or leakage protection;

Each fixture must be properly grounded, installed in accordance with the relevant standards

Cut off the power when stall or replace the lamp and the fuse;

Forbid using the fixture in storm or wet environment.

4.6 TO PREVENT BURNING OR FIRE

1. The fixture can't be mounted directly on the surface of ordinary combustible material.
2. Do not short-circuit temperature protection switch or fuse, use the specified type of fuse.
3. The equipment must be installed away from inflammable and explosive materials.
4. The equipment should be projected range of 3 meters away objects and projectiles temperature less than 60 ° C; ---- 3.0m

5. Fan or ventilation, at least in the range of 0.5 meters can not have an obstacle.
6. Do not place any object on the lens.
7. Handling at least allow the fixture being cool for 20 minutes.
8. Do not replace the non-original parts.

4.7 LOCK FIXTURE DURING TRANSPORT

In order to protect the light, there is a protect lock; During the transport , the lock will closed keeping the item in safety state.

4.8 ABOUT PACKING

1. Before packed, make sure power is off, and wait for at least 20mins for cooling down.
2. Before clean the fixture, make sure pan/tilt protect lock closed.
3. After packed by plastic bag, high-lift the fixture with two handles besides the product. put the product into the fly-case up-side-down.
4. After packed the product, put the accessory into the accessory case, then closed and lock the fly-case.
5. Fly-case only up stacked two layers. Forbid to upside down.
6. When packed with carton box, equipment should be put into the foam first, then set into a carton, pay attention to the vertical position

4.9 UNPACKING

Note: Before unpacking check the damage is whether due to the transportation or not, if you find any such damage, please do not use this item, and contact with the dealer or manufacturer as soon as possible.

1. Open the fly-case, and discover the inside plastic bag.
2. High-lift the product by two handles beside the bottom base and move it out.
3. Before power on, make sure you have opened pan/tilt lock!

Warming

Must use two pieces of clamps to fix the product and locked at 1/4 , the clamp can be locked at its clockwise 90°. Plus one safety rope across form the hole on the bottom, but not the handle.

Attention! One product only can accept one DMX input and one DMX output. DMX512 cable must use the professional shielded twisted pair cable; standard loudspeaker cable is not reliable to control the long-range data. 24AWG cable is suitable for more than 300 meters long-distance signal transmission and must add DMX 512 signal amplifier. Do not use two outputs to separate

the connection, if separate a continuous connection to branch, DMX512 splitter is necessary. If use the DMX512 splitter. At first connect DMX512 Splitter input terminal to controller. And then connected from the splitter output terminal to next device. As above guide to connect with the final fixture 120 input other device with 3-pin terminal insertion.

5. Packing and Shipping

GLS180 packed with fly-case of two in one, or carton box.
Attach follow accessory.

Content	Quantity
User Manual	1
DMX Cable	1
Safety Rope(charge)	1

6. AC Power

GLS180 Voltage, Power, Fuse Specification

Input Voltage	Total Power	Frequency
110-240V	260W	50/60HZ

Fuse voltage	Electronic current	Specification
250V	6A	5×20

GLS180 Connect to Power:

ATTENTION! The equipment must be operated by professionals; Make sure that the voltage of power supply must be comply with the voltage identified on the lamp, and must have an overload or leakage electrical protection.

Live wire(L)	Null(N)	Ground wire	
RED	BLUE	Yellow +Green	

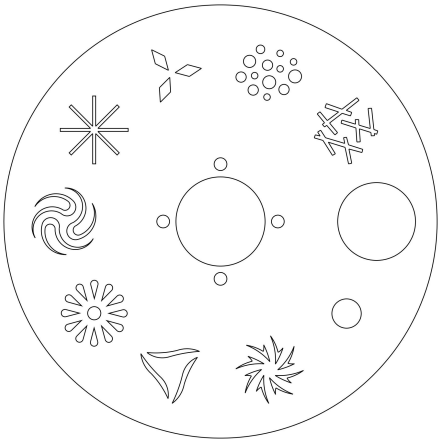
7. Light Source

LED Description

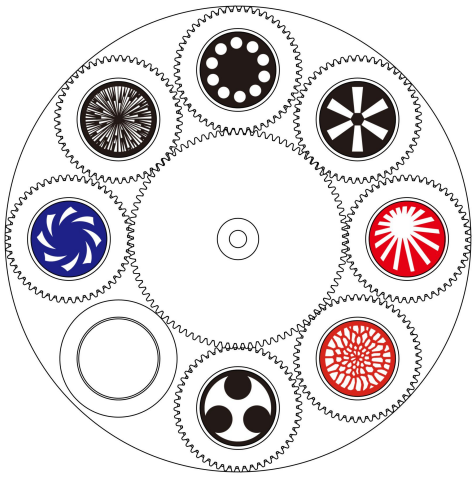
Lamp Model	Power	Life/Hrs	Color Temperature
Atria TM HL180	180W	20000hrs	8000K

GLS180's Color Wheel: 8 colors + white, pure color effect.

GLS180's Static Gobo wheel: 9 gobos + open, rich gobos for your selection.



GLS180w's Rotating Gobo wheel: 7 gobos + open, smoothly rotating and easy changeable

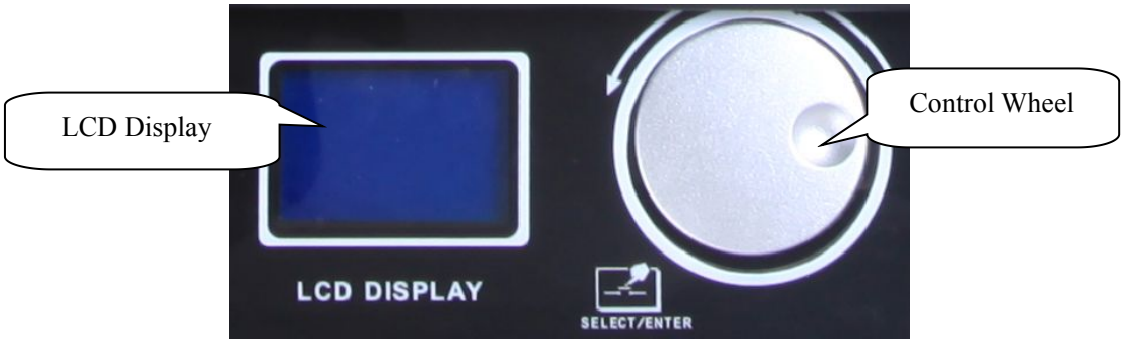


GLS180 with 3-facet prism；

Prism gobo with focusing, rotating, zooming and shading and adjusting rotation speed.

8. Control Panel Operate

8.1. Control Panel



LCD Display: Display all information of fixture.

Control wheel: can turn left, right and enter.

Turing left: Value adding in Menu

Turing right: Value reducing in Menu

Enter: Confirm

8.2.Control Panel Operate

Main Menu	Sub-Menu one	Sub-Menu two	Function Setting	Function Description
DMX Address			001-512	DMX Address number set
Display	"ShowReve"		"Natu"	Normal
			"Revl"	reverse 180°
	"Language"		"Chin"	Chinese
			"English"	English
	"BrigSett"		000-255	Brightness set
	"Backligh"		60S	Backlight close after delay 60S
			"Ligh"	Backlight light always
	"MenuBack"		90S	Menu back to main menu after delay 90S
			"Off "	Menu back not automatic
	Backflah		"Open "	Backlight blinking when no DMX
			"Off "	Backlight not blinking when no DMX
	"Return"		▲	Return Main Menu

"Feature"	Pan/Tilt Setup	"Pan reverse"	"Off "	Pan Scan Normal
			"Open"	Pan Scan Reverse
		"Tilt reverse"	"Off "	Tilt Scan Normal
			"Open"	Tilt Scan Reverse
		"Pan / Tilt reverse"	"Fast"	Pan/Tilt Speed up
			"NORM"	Pan/Tilt Normal Speed
			"Slow"	Pan/Tilt Slow down
		"Pan Angle"	360°	Pan Angle 360°
			540°	Pan Angle 540°
			630°	Pan Angle 630°
		"Pan/Tilt Fback"	"Off "	PAN/TILT optical sensor testing off
			"Open"	PAN/TILT optical sensor testing on
		Return	▲	Return to special Menu
	"Shortcut"		"Off "	Shortcut off for colors and gobos
			"Open"	Shortcut open for colors and gobos
	"FullColr"		"Off "	Half color function
			"Open"	Full color function
	"ChanMode"		"Smal"	Simplify mode
			"Stan"	Standard mode
	"RunMode "		"Slve"	Accept other signal control
			"Musc"	Sound active
			"Auto"	Inside program Run automatically
	"SigClear"		"Off "	keep signal data
			"Open"	clear signal data
	DMX Reset		"Off "	DMX reset not accept
			"Open"	DMX reset accept
	Return		▲	Return Main Menu
"InfoSee "	"WorkHour"		0000-9999	working hours memo for connect power
	"Times"		0000-9999	Open times memo
	Fan 1 Rota		0000-9999	Fan rotation speed 1
	Fan 2 Rota		0000-9999	Fan rotation speed 2
	Version		XMOA	Version
	Pan/tilt software			

	Main 1 software			
	Main 2 software			
	Spare time		Not limit	No limit time
	Spare cut		Not limit	No limit times
	Lamp temperature			Password input Enter
	Return		▲	Return main menu
Channel			CH 00- CH40	Coordinate DMX CH
"AssiTool"	"Factory "		★	Password confirm
			"Fold"	Factory reset
			"Save"	Keep factory reset
	"Default settings"		★	Password confirm
			"Fold"	Reset to default settings
	Redress		★	Password confirm
			Reset01-10	Remind the start position
	Redress		Color wheel Rotation 001	Function Channel custom orders
			000……040	Function Channel custom orders
	Chdefine		★	Password confirm
		"TimeLimi"	0000-9999	Open fixture time limit
		"TimsLimi"	0000-9999	fixture times limit
		TimeCLEA	clear	Clear the time of used
		CutClea	clear	Clear the times of used
		Password 1	000-255	Revise password 1
		Password 2	000-255	Revise password 2
		Password 3	000-255	Revise password 3
		Password 4	000-255	Revise password 4
		X Drivin	000-255	pan main drive gear
		X Driven	000-255	Pan slave drive gear
		Y Drivin	000-255	Tilt main drive gear
		Y Driven	000-255	Tilt slave drive gear
		Rectifier		Bulb Rectifier
			5V	Bulb Rectifier 5V
		Tilt angel	000-255	Vertical rotation Angle setting
		Reset	000-255	return to sub menu
	"Checksum "	Checking Date 1-10	Checking Date 01…10	Check Cabrilate data
	Return		▲	Return to Main Menu

CHANLEVE			CH 01..40	Show the dmx address
"EffectRst"			"Exec"	Cancel
			"Exec"	Reset
"ExitMenu"			▲	Exit

9. DMX Channels

CH	Value	Function
1CH Color	0~13	white
	14~27	Magenta
	28~41	Dark Red
	42~55	Blue
	56~69	Light Blue
	70~83	Green
	84~97	Yellow
	98~111	Amber
	112~127	Red
	128~133	Red + Amber
	134~140	Amber + Yellow
	141~147	Yellow + Green
	148~154	Green + Blue
	155~161	Light Blue + Blue
	162~168	Blue + Dark Red
	169~175	Dark Red + Magenta
	176~193	Magenta + white
	194~222	Rainbow Fast →Slow
	223~255	Rainbow Slow →Fast
2CH Rotating Gobo Wheel	0~24	Empty
	25~49	Gobo 1
	50~74	Gobo 2
	75~99	Gobo 3
	100~124	Gobo 4
	125~149	Gobo 5
	150~174	Gobo 6
	175~199	Gobo 7
	200~255	Gobo Rotating Slow → Fast
3CH Gobo Rotating	0~127	Index
	128~177	Clockwise Slow → Fast
	178~203	Stop
	203~255	Anti Clockwise Fast → Slow
	0~9	Open
	10~19	Gobo 1

4CH Static Gobo Wheel	20~29	Gobo 2
	30~39	Gobo 3
	40~49	Gobo 4
	50~59	Gobo 5
	60~69	Gobo 6
	70~79	Gobo 7
	80~89	Gobo 8
	90~99	Gobo9
	Gobo Shaking	
	100~111	Gobo 9
	112~122	Gobo 8
	123~133	Gobo 7
	134~144	Gobo 6
	145~155	Gobo 5
	156~166	Gobo 4
	167~177	Gobo 3
	178~188	Gobo 2
	189~199	Gobo1
	200~255	Gobo Shaking Slow →Fast
5CH Pan	0~255	540°
6CH Tilt	0~255	270°
7CH Pan/Tilt Speed	0~255	Pan/Tilt Speed Fast→Slow
8CH Prism wheel	0~127	No Function
	128~255	3-facet prism
9CH Prism Rotating	0~5	Index
	6~99	Anti Clockwise Slow → Fast
	100~109	No Functions
	110~210	Clockwise Fast → Slow
	211~255	Gobo Shaking Fast → Slow
10CH Focus	0~255	Zoom Focus
11CH	No Function	
12CH Strobe	0~9	No Function
	0~255	Shutter Slow→ Fast
13CH Dimmer	0~255	Dimmer Dark → Bright
14CH Frost	0~255	Linear Frost
15CH Reset & Lamp On	200；209	Reset & Lamp On
16CH Pan Fine	001~255	Pan Fine
17CH Tilt Fine	001~255	Tilt Fine

10. PCB Driving Board